

## Radioactive Sources

 RRS photo

The **RRS Radioactive Reference Sources** feature:

- Traceable, certified 2 pi emission rates
- A safe and permanent container
- Accurate probe positioning for excellent repeatability.
- Hinged shutter for probe response checking at two count rates:
  - i) shutter open - rapid, accurate probe efficiency determination
  - ii) shutter closed - check at a nominal 10% of source emission rate.
- Colour-coded label indicating radionuclide and surface emission rate.
- Source active area matched to specific probe window area.

The **CK-1** Check Source #9480008 is a "stay alive" button source used to check Survey Meter functionality.

Probe	Source	Nuclide	Emission Rate
<a href="#">AP2/4A</a> , <a href="#">AP2R</a> , <a href="#">DP2/4A</a> , <a href="#">DP2R/4A</a>	RRS 21A	<sup>241</sup> Am Alpha	2400/s
AP3/4A, AP3R/4A, DP3/4A, DP3R/4A	RRS 31A	<sup>241</sup> Am Alpha	2400/s
<a href="#">AP5A</a> , <a href="#">DP6A</a>	RRS 51A	<sup>241</sup> Am Alpha	111/s
<a href="#">AP6A</a> , <a href="#">DP8A</a>	RRH 11B	<sup>241</sup> Am Alpha	56/s
<a href="#">BP4/4A,B,C</a>	RRS 12A	<sup>14</sup> C Beta	4000/s
<a href="#">BP7/4A</a>	RRS 22A	<sup>14</sup> C Beta	4000/s
BP6/4A, BP6R/4A	RRS 32A	<sup>14</sup> C Beta	4000/s
<a href="#">BP19AD</a>	RRS 52A	<sup>14</sup> C Beta	1110/s
<a href="#">BP4/4A,B,C</a>	RRS 14A	<sup>36</sup> Cl Beta	2150/s
<a href="#">BP7/4A</a> , BP20/A, DP2/4A, DP2R/4A	RRS 24A	<sup>36</sup> Cl Beta	2150/s
<a href="#">DP6AD</a> , <a href="#">DP6BD</a> , <a href="#">DP6CD</a> , <a href="#">DP6DD</a> , <a href="#">BP19AD</a>	RRS 54A	<sup>36</sup> Cl Beta	1110/s
<a href="#">BP13A</a>	RRS 64A	<sup>36</sup> Cl Beta	1110/s
BP17A, <a href="#">DP8A</a>	RRH 14B	<sup>36</sup> Cl Beta	550/s
<a href="#">GP13A</a>	RRS 59A	<sup>129</sup> I Gamma	1110/s

